

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 10000434 A

(43) Date of publication of application: 06.01.98

(51) Int. Cl

B07C 5/342
B65G 47/53

(21) Application number: 08152421

(71) Applicant: NKK CORP

(22) Date of filing: 13.06.96

(72) Inventor: AOKI AKIO
MIYAMOTO HIDEYUKI

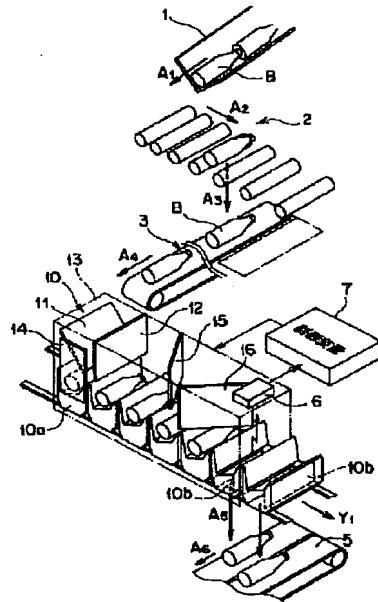
(54) DISCARDED BOTTLE SORTING APPARATUS

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a discarded bottle sorting apparatus which is equipped with a bucket conveyer for receiving and transporting discarded bottles and can place the bottles surely into buckets.

SOLUTION: In a sorting apparatus, discarded bottles B are supplied from a discarded bottle supplying apparatus to a roller type size sorting machine 2 to be sorted by size and charged into a bucket conveyer 10 through a bottle arranging apparatus 3 to be sorted. A gliding inclined plate 11 and a posture controlling plate 12 are installed in a discarded bottle feed port to the conveyer 10, the movement of the bottles B are regulated, and the bottles B are mounted on prescribed positions of the buckets 10a and sorted.

COPYRIGHT: (C)1998,JPO



© WPI / DERWENT

AN - 1998-113890 [11]

TI - Waste bottle classification apparatus - includes colour identification machine which identifies colour of bottle mounted in bucket by boards

AB - J10000434 The apparatus includes a gliding inclination board (11) and a position control board (12) provided in waste bottle insertion opening of a bucket conveyor (10). The boards align the bottles and are provided at right angles to bottle longitudinal direction.
- A colour identification machine (2) which identifies colour of bottle mounted in the bucket.
- ADVANTAGE - Reduces inferior identification of colour. Prevents rupture of apparatus.
- (Dwg.1/5)

IW - WASTE BOTTLE CLASSIFY APPARATUS COLOUR IDENTIFY MACHINE IDENTIFY COLOUR BOTTLE MOUNT BUCKET BOARD

PN - JP10000434 A 19980106 DW199811 B07C5/342 005pp

IC - B07C5/342 ;B65G47/53

DC - P43 Q35

PA - (NIKN) NKK CORP

AP - JP19960152421 19960613

PR - JP19960152421 19960613